

**SHELLER
GLOBE
CORPORATION
DISPOSAL**

IOWA

EPA ID# IAD980630750

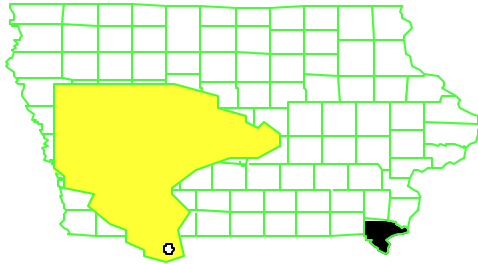
EPA Region 7

City: 4 miles northwest of Keokuk

County: Lee County

Other Names: Grimes Property

08/23/2002



SITE DESCRIPTION

From 1948 until 1972, waste materials were taken to the Sheller-Globe Corporation Disposal site from the former Sheller-Globe plant in Keokuk, Iowa. The plant manufactured rubber products and automobile parts. Some of the waste material taken to the site for disposal consisted of solvents and paint sludges. These sludges, along with other non-hazardous wastes brought to the site, were periodically burned and the ash was spread over the hillsides. In 1972, use of the site for disposal stopped and the area was covered with soil. In 1980, the 6.6 acre site was sold and became the location of a house with a domestic well water supply. Based on environmental data collected during EPA investigations in 1986 and 1987, the site was added to the National Priorities List (NPL) in 1990. In the fall of 1991, the residents of the house were permanently relocated. In October 1990, EPA and Sheller-Globe entered into an Administrative Order on Consent that required Sheller-Globe to conduct a Remedial Investigation/Feasibility Study to determine the nature and extent of contamination at the site and evaluate alternatives to address contamination at the site. The Remedial Investigation (RI) field activities included sampling of ash material, surface soil, subsurface soil, surface water, sediments, and shallow and deep groundwater. The analytical results of the samples were used to characterize the risk posed by the site conditions to human health and the environment. The RI and subsequent human health and ecological risk assessments indicate that the metals concentration in the ash material is the primary source of contamination. Based on the results of the RI and the human health risk assessment, no remedial action was necessary with regard to surface water, sediments, and groundwater. In addition, the majority of local residents obtain drinking water from one of two rural water districts. The ecological risk assessment concluded that site conditions did not appear to present a significant threat to the environment.

Site Responsibility:

This site is being addressed through Federal and potentially responsible parties' actions.

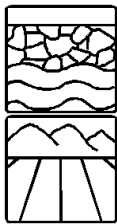
NPL LISTING HISTORY

Proposed Date: 05/05/1989

Final Date: 08/30/1990

Deleted Date: 09/24/2001

THREATS AND CONTAMINANTS



The RI and subsequent human health and ecological risk assessments indicate that the metals concentration in the ash material is the primary source of contamination. Accidental ingestion of contaminated soil and ash may pose a potential health threat. Based on the results of the RI and the human health risk assessment, no remedial action was necessary with regard to surface water, sediments, and groundwater. The ecological risk assessment concluded that site conditions did not appear to present a significant threat to the environment.

CLEANUP APPROACH

Response Action Status

Site Facts:

ENVIRONMENTAL PROGRESS



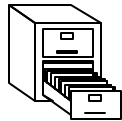
The field work associated with the remedial action was conducted between November 1, 1999 and November 11, 1999. A backhoe was used to demolish the house and shed, the basement floor slab was broken up in place, and all the debris from the house and shed (as well as the empty drums and miscellaneous debris) was placed within the basement of the house. An initial layer of clay was placed over the debris prior to placement of a non-woven geotechnical filter fabric over the limits of the house. Three 8-inch thick lifts of clay were placed over the filter fabric and then a 12-inch layer of topsoil was spread over the clay. Each lift of clay and topsoil were compacted and sloped to specifications. The four areas of exposed ash that were identified during the RI/FS were also covered with at least one foot of topsoil. The house area, the four ash areas, the shed area, and drum divots were seeded and erosion control mats were spread and staked over the completed soil areas.

The EPA conducted a pre-certification inspection on November 8, 1999. In an April 21, 2000 letter to UTAS, the EPA indicated that the Remedial Action (RA) Report adequately demonstrated completion of the outstanding items noted during the pre-certification inspection and that the remedial action had been performed in accordance with the Consent Decree and RD/RA Work Plan. The signed Statement of Completion was submitted by UTAS with the final RA Report on May 22, 2000. The Sheller-Globe Corporation Disposal site was deleted from the NPL on September 24, 2001.

Routine field inspections by representatives of UTAS are planned to assure the integrity of the soil and vegetative covers. Inspections are scheduled for two times a year (spring and fall) for the first three years (2000, 2001, and 2002) and annually (fall) thereafter for an additional two years (2003 and 2004). The need to continue the inspection/maintenance program will be reassessed following the 2004 inspection. On behalf of UTAS, URS Greiner Woodward Clyde conducted the initial post-remedial action inspection in April 2000. Recommended maintenance actions that were taken included additional seeding and placement of erosion control material in limited areas. The ground surface had not been disturbed and the property was vacant. Subsequent site inspections (i.e., September 2000, April 2001, September 2001, and April 2002) have also revealed that the ground surface remains undisturbed and the property remains vacant.

In addition, the Sheller-Globe Corporation Disposal site has been listed on the State of Iowa's Registry of Confirmed Hazardous Waste or Hazardous Substance Disposal Sites. Inclusion on this registry provides that written approval of the director of the IDNR is necessary prior to substantially changing the manner in which the site is used or selling, conveying, or transferring title of the site.

SITE REPOSITORY



Contact the Region 7 Superfund
Community Relations Office at (913)
551-7003

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

Keokuk Public Library
210 N. 5th
Keokuk, Iowa 52632-5614
(319) 524-1483

REGIONAL CONTACTS

SITE MANAGER:

James Colbert

E-MAIL ADDRESS:

colbert.james@epa.gov

PHONE NUMBER:

(913) 551-7489

COMMUNITY INVOLVEMENT COORDINATOR: Beckie Himes

PHONE NUMBER:

(913) 551-7003

E-MAIL ADDRESS:

himes.beckie@epa.gov

STATE CONTACT:

Bob Drustrup, IDNR

PHONE NUMBER:

(515) 281-8900

MISCELLANEOUS INFORMATION

STATE:

IA

079C

CONGRESSIONAL DISTRICT:

03

EPA ORGANIZATION:

SFD-SUPR/EFLR

MODIFICATIONS